

2882 #3
12/17/02

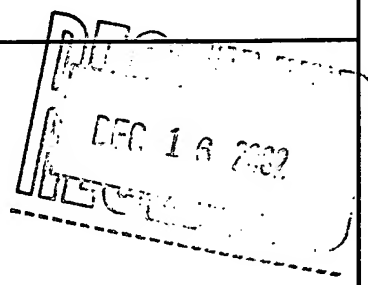
DEC 09 2002	TRANSMITTAL OF FORMAL DRAWINGS	Docket No. 124695
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Application Of: **Tin-su Pan, et al.**

Serial No.	Filing Date	Confirmation No.	Examiner	Art Unit
10/065,486	10-23-02	NYA	NYA	NYA

Invention: **RETROSPECTIVE RESPIRATORY GATING FOR IMAGING AND TREATMENT**

Address to:
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Transmitted herewith are:

7 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

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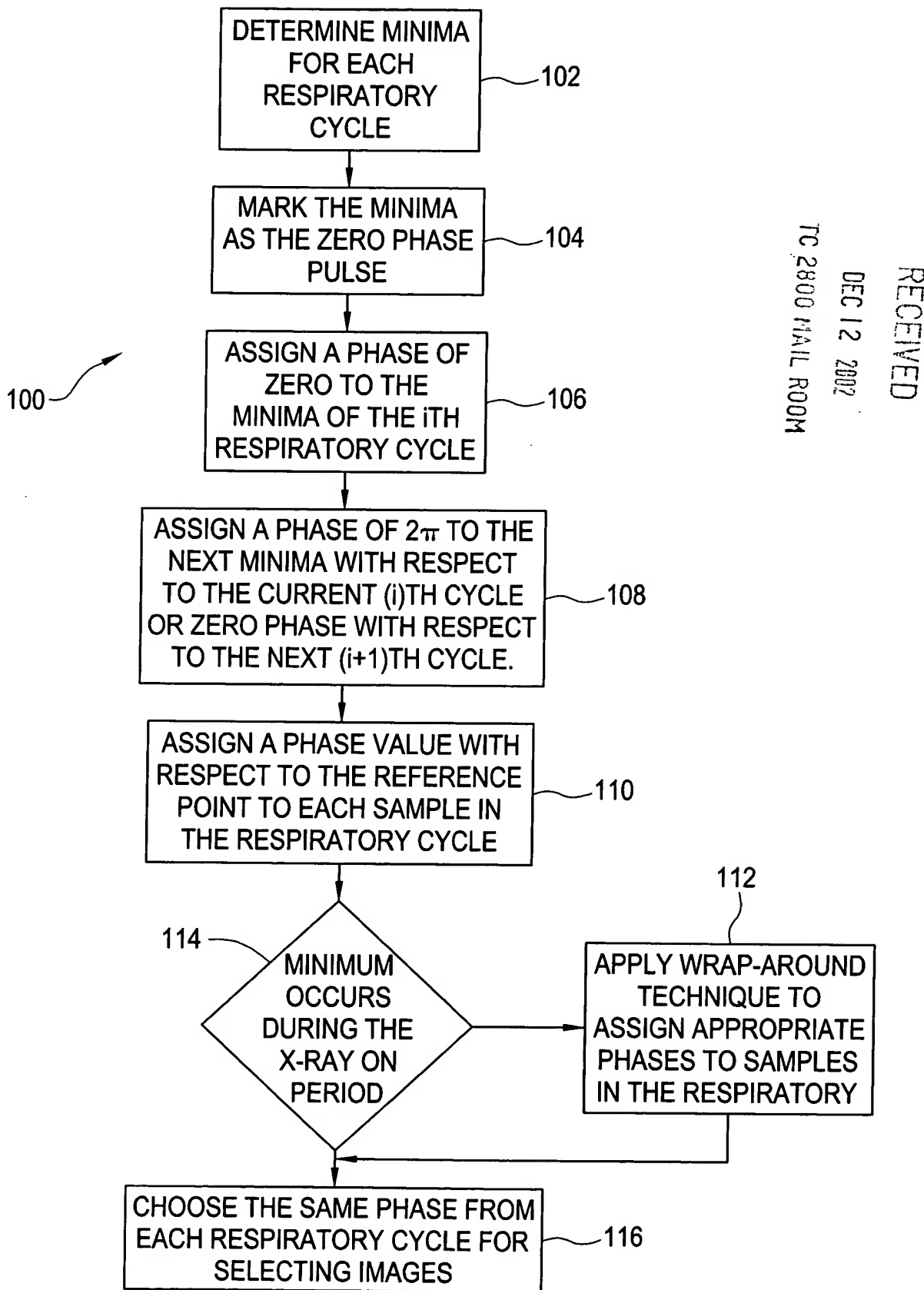
Troy J. LaMontagne
Reg. No. 47,239
PTO Customer No. 23413
(860) 286-2929

I certify that this document and attached formal drawings are being deposited on 12-04-02 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
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FIG. 3

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Sample points

$Ph = (2 * \pi) / N$ where N = number of samples

42

40

Figure 1 is a graph showing the amplitude of the X-ray signal versus sample points. The X-ray signal is a periodic waveform with peaks labeled "b * Ph" and "a * Ph". The amplitude is plotted as a series of points, with labels for "Zero Phase pulse" and "Zero Phase of current cycle or N * Ph of previous cycle". The amplitude ranges from -1 to 0.8, and sample points range from 0 to 1000.

Amplitude

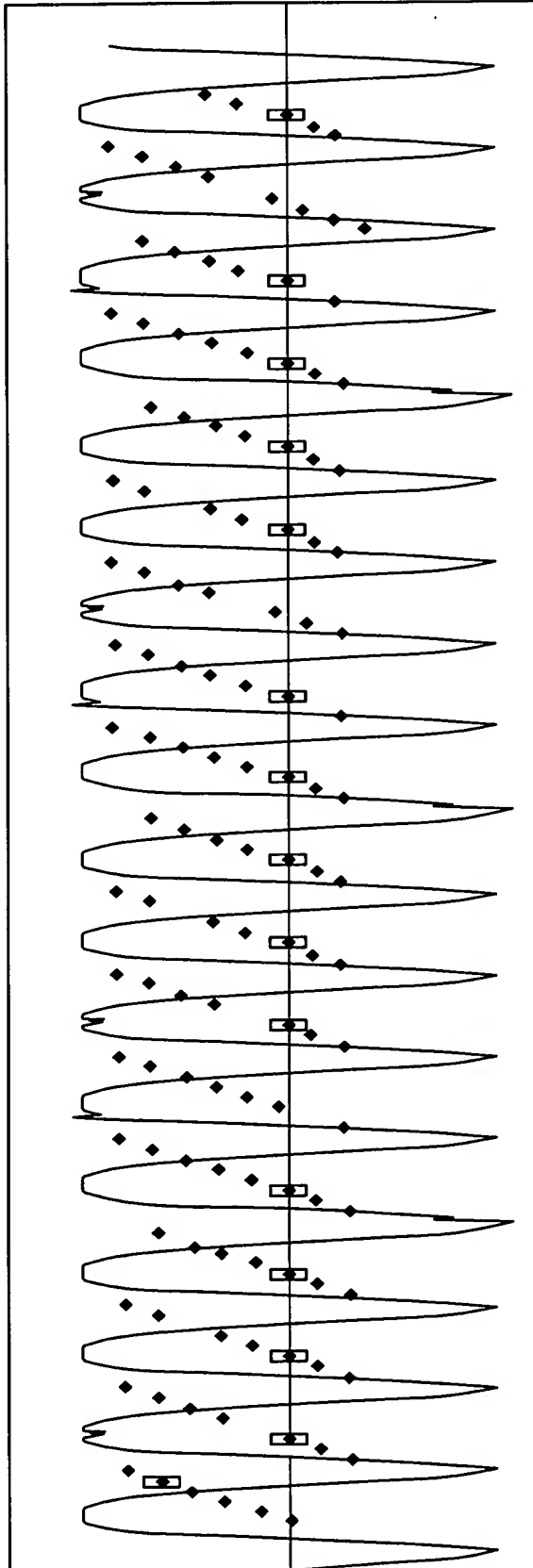


FIG. 5

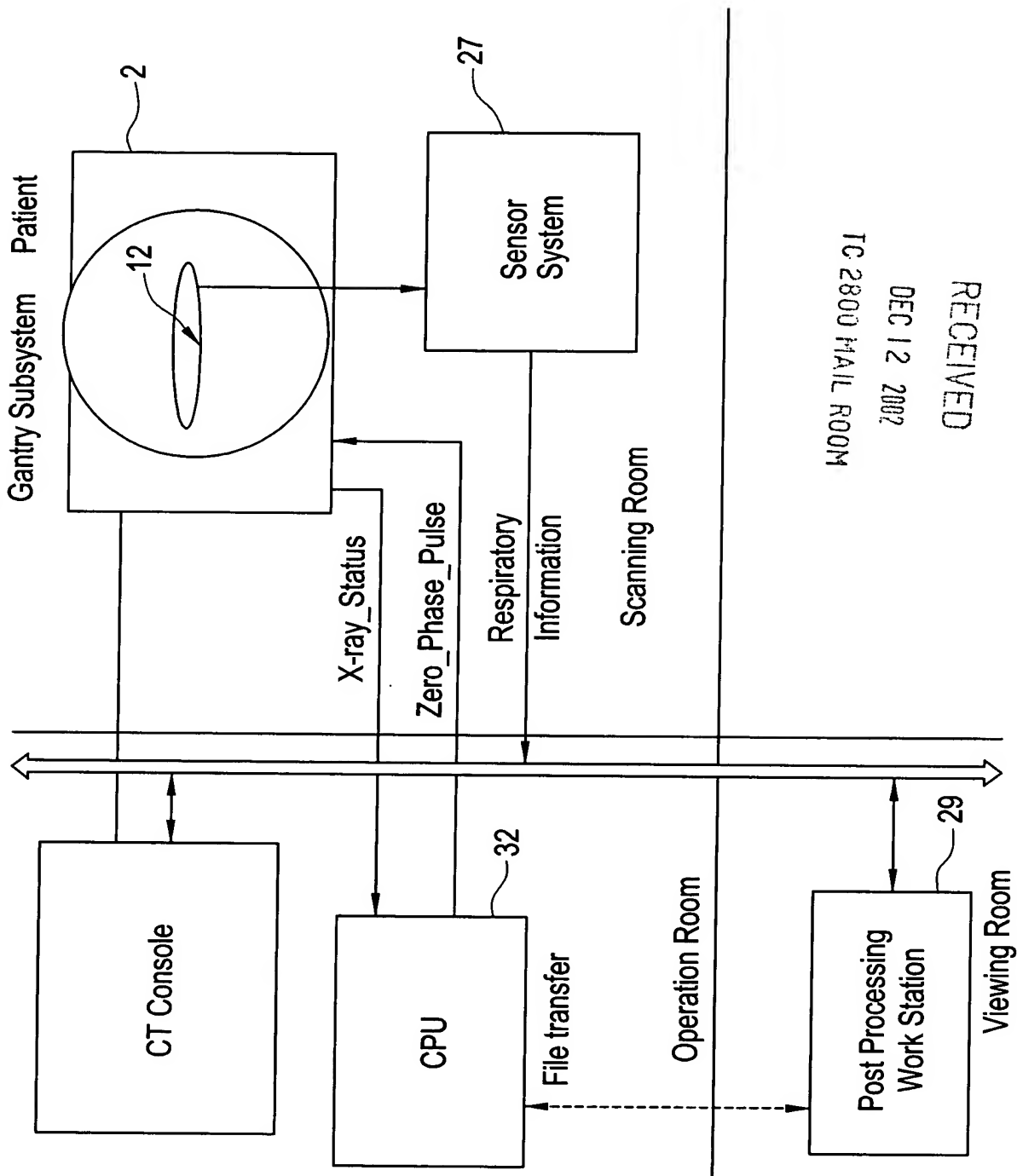
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FIG. 6



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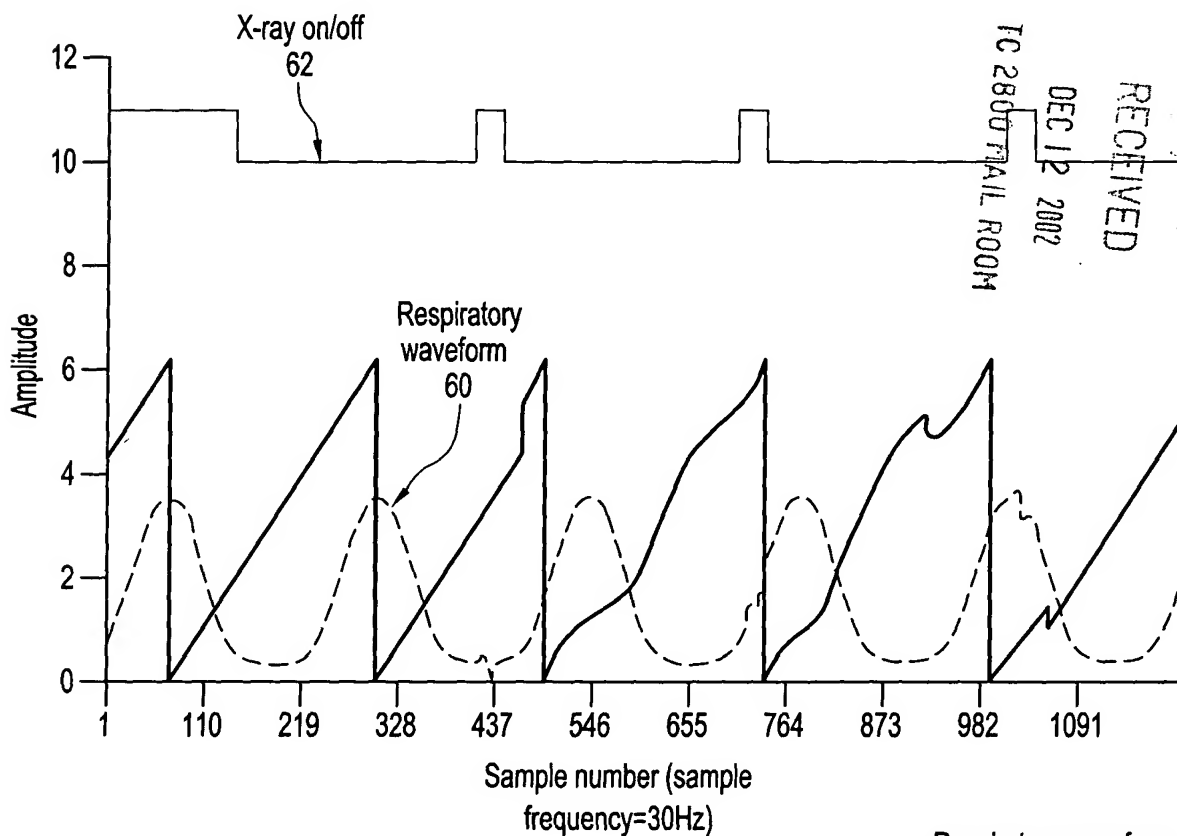
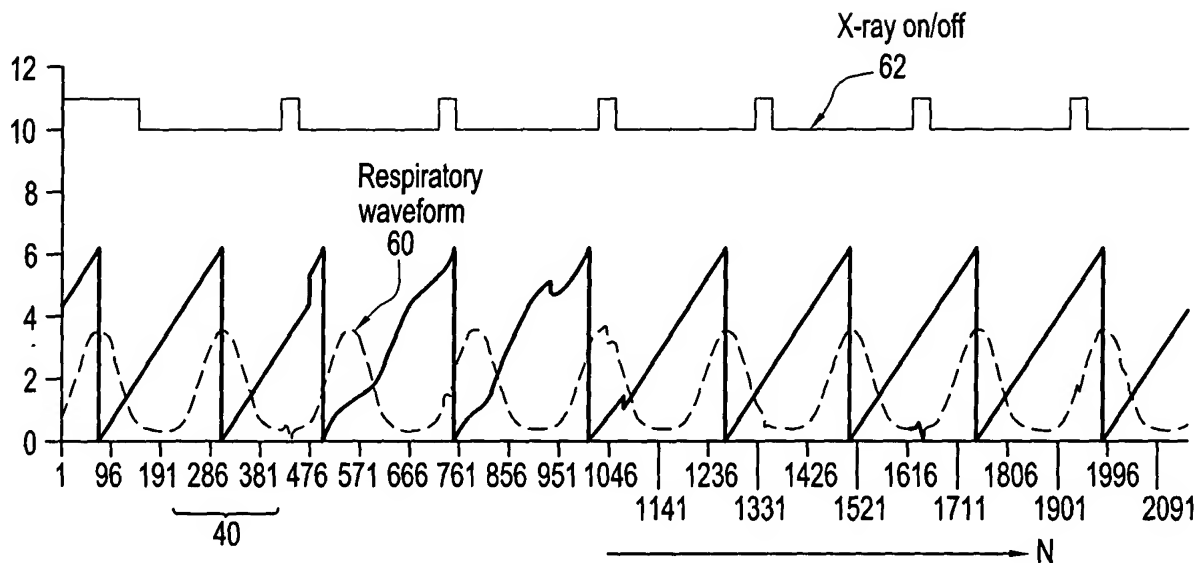


RETROSPECTIVE RESPIRATORY GATING
FOR IMAGING AND TREATMENT

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FIG. 7



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--- Respiratory waveform
— Phase waveform
— X-ray on/off



FIG. 8

